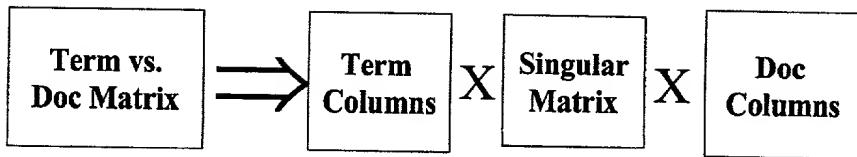


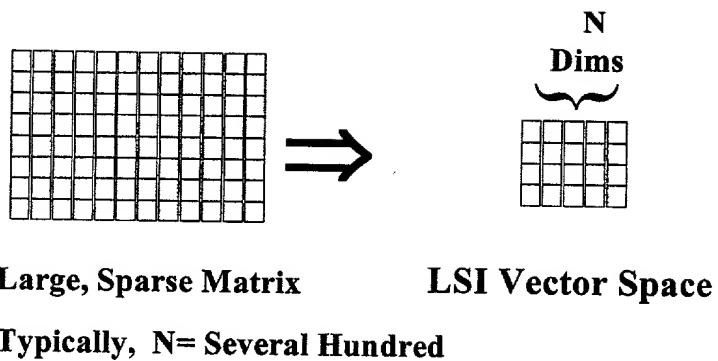
	Doc #1	Doc #2	...	Doc #n
able	1	0	...	1
acid	0	2	...	0
...	...	...	...	...
<i>&lt;term m&gt;</i>	1	0		1

**FIGURE 1 Term by Document Matrix**



**SVD Extracts Key Relationships among Terms - Basis for Conceptual Matching**

**FIGURE 2 – Singular Value Decomposition (SVD) Operation**



**FIGURE 3 – Dimensionality Reduction**

FIGURE 4

